

N43RF ERROR SUMMARY
29 August 2016 TD #9 0609A CYCLONE EMC/NHC Recon

Flight ID: 20160829I1

Sensor or System -----	Number or Name -----
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1

Flight Directory acdata/2016/MET/20160829I1

Local Met Data	Takeoff KMCF (0418Z)	Landing KMCF (1145Z)
Dynamic Corrections		Yes
AttackAngleIntercept		0.143557
AttackAngleSlope		5.95033
SlipAngleIntercept		0.22
SlipAngleSlope		7.36195

Notes:

There were no edits made in the measured parameters used to calculate meteorological and navigational parameters.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

TDM.2 (Edgetech) used as reference for dew point calculations. Novatel AltGPS.3 used as source of absolute altitude. TDM.1 (Buck) performed poorly during the mission and should not be used as a humidity source. All other measured and calculated parameters performed normally during the science phase of flight.

Science mission conducted at 2500 feet (925mb) so no dropsondes were deployed

Expendable Type -----		# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0	
Test sondes	0	0	0	
AXBTs	0	0	0	
AXCPs	0	0	0	
AXCTDs	0	0	0	
UAS	0	0	0	

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ACAT-4 Version = 6.0